

LIN YUSHAN EDISON

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EDUCATION

National University of Singapore (NUS)

Aug 2023 - Present

Bachelor of Science in Business Analytics with Honours

- Grade: 4.75 (First Class Honours)
- Specialisation in Machine Learning and Finance
- Relevant Course Completed: Data Management and Visualisation, Data Science Machine Learning, Data Engineering
- Internship Availability: May 2025 to August 2025

TECHNICAL SKILLS

- Programming Languages: Java, Python, Javascript
- Data Tools: R, MySQL, Tableau, Power BI, MatLab
- Techniques: Data Visualisation, Regression Analysis, Data Mining, Hypothesis Testing, Linear Optimisation, Probability & Statistics
- Technical Proficiency: Google Workspace, SQL Query Optimisation, Excel Macros

WORK EXPERIENCE

KABAM Robotics, Data Analyst Intern

May 2024 - Aug 2024

- Data Visualisation: Constructed and presented interactive Tableau Dashboards to CTO, delivering various stakeholders with real-time insights and improving process efficiency
- Cross-Functional Collaboration: Collaborated with 4 cross functional teams on 7 different projects to deliver data-driven insights and align product development with customer needs
- Statistical Analysis: Conducted in-depth regression and projection analysis to identify key factors influencing Robot Performance, leading to an increasing in productivity by 50%
- Data Pipeline Development: Spearheaded a design and implementation of robust ETL pipelines, streamlining data processing speed by 90% and ensuring data accuracy across all systems
- Tool Adoption: Proposed company for adoption of Tableau and investment in employee certification by producing compelling visualisation demonstrated value

The Impact Academy, Academic Tutor

Jan 2023 - Oct 2023

- Mathematics Tutoring: Provided one-on-one and group tutoring sessions for over 8 students in Additional Mathematics (A-Math) and Elementary Mathematics (E-Math), leading to an average improvement of 25% in student grades
- Instructional Design: Created and implemented tailored learning plans addressed individual student needs, increasing student engagement and retention rates by 20%

LEADERSHIP EXPERIENCE

NUS Pioneer House, Director of Sports

Apr 2024 - Present

- Team Leadership: Supervised and Lead 20 CCA Captains, improving member engagement and skills
- Event Management: Led an organisation through 5+ events, including inter-block tournament, CCA fair
- Strategic Planning: Drafted and Reviewed over 15 proposals for new sports initiatives, 90% of were implemented, contributing to a vibrant sporting culture within Pioneer House
- Inter-House Representation: Served as Pioneer House representative in the Sports Council, advocating for introduction of inclusive sports programs, increasing participation by 50%

PROJECTS

- Eltelier Works: Collaborated with 3D Printing Company to develop comprehensive Business Dashboard on Tableau, providing real time visibility into critical KPIs
- Game Development: Developed a 3-bit game in Java to simulate housing lifestyle

AWARDS & CERTIFICATES

- Recipient of Edusave Good Progress Award in 2012, 2018, 2019
- West Zone Centre of Excellence of Science and Technology 2016, 1st Place
- National Robotics Preneur Carnival 2014, 1st Place & Best Performance Overall
- Certificates: CCANSR301: Data Engineering, PH125.8x: Data Science: Machine Learning